

# 7th MARTA Progress Meeting/1st LATTES meeting

5/6 October 2015

Preliminary Agenda

## Monday 5

9h30 – Introduction and Welcome – M. Pimenta

9h45 -11h00 – MARTA RPCs: present and future- P. Fonte, L. Lopes, A. Blanco

11h00-11h30 – Coffee and Tea

11h30-11h45 – High Voltage – P. Fonte

11h45-12h30 – Readout electronics – P. Assis, M. Ferreira, R. Luz

12h30-13h00 – Setups @ Malargüe and Rio – P. Assis, L. Mendes

13h00-13h30 - MASTER : the Rio Telescope – Alberto Blanco

13h30 – 14h30- Lunch

15:00-15:30– LATTES: a window of opportunity – R. Shellard

15:30-16:00 - Lessons from ARGO and ideas for future experiments – R. Santonico

16:00-16:15 - Thoughts on LATTES – B. Dettorre

16:15-16:30 Science opportunities for LATTES and potential synergies with the future

CTA- U. Barres

16h00 – 16h30 - Coffee and Tea

16h30 – 16h45 - First prototype for CESAR - Giorgio Matthiae

17:00-18:00 – Lattes simulations, design studies and expected performances – R. Conceição, B. Tomé

18:00-19:00 - General discussion and Organization (Science case, Simulation, Software, prototypes, Outreach, Next meetings, ...) - M. Pimenta

20h15 – Dinner

## **Tuesday 6**

9h30 – 10h15 - Gianni results - R. Sarmento

10h15-10h45 – MARTA engineering array – M. Pimenta, V. Souza

10h45 –11h00 – RPCs for the engineering array - L. Lopes

11h00-11h30 – Coffee and Tea

11h30 –11h45 –Readout electronics for the engineering array - M. Ferreira

11h45-12h00 – Precast optimization – P. Mazur

12h00 –13h30- General discussion, schedule and organization – P. Assis

13h30 – 14h30- Lunch

15h00 – 15h30 – Imaging the air shower engine – L. Cazon

15h30 – 16h00 - MPD@Amiga – E. Santos

16h00 – 16h10 – Testing station start time with arrival time in the RPC– D. Maurizio

16h10 – 16h30 - Separating electromagnetic and muonic components using mean Lateral Signal Profile in Auger SD – N. Kemmerich

16h30 – 17h00 - MARTA EA : an opportunity to understand shower physics – R. Conceição

17h00 - END of the meeting